

Fact Sheet



For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Modification, and shall be considered a supplement to the original Fact Sheet corresponding with the issuance of the initial Title V operating permit issued on March 19, 2007.

Permit Number: **R30-10300034-2007**

Application Received: **August 2, 2007**

Plant Identification Number: **03-54-103-00034**

Permittee: **Lackawanna Transport Company**

Facility: **d/b/a Wetzel County Sanitary Landfill**

Mailing Address: **Route 1, P. O. Box 156A, New Martinsville, WV 26155**

Permit Action Number: MM01

Revised: October 23, 2007

Physical Location:	New Martinsville, Wetzel County, West Virginia
UTM Coordinates:	512.33 km Easting • 4383.75 km Northing • Zone 17
Directions:	From the city of New Martinsville take Route 2 South. Go one mile south. Turn left onto Rt. 180 to the landfill.

Facility Description

The Lackawanna Transport Company d/b/a Wetzel County Sanitary Landfill (WCSL) (NAICS 562212, SIC 4953) is a non-hazardous municipal solid waste (MSW) landfill that began operation in 1960. The facility is a 238-acre Municipal solid waste landfill. The disposal area is 139 acres. The maximum monthly tonnage accepted is 9,999 tons/month. The landfill accepts municipal solid waste, asbestos, construction/demolition debris (CDD), and approved residual waste. There is also a biosolids composting facility at the landfill, which has been in operation since 2001.

The facility has an enclosed ground Flare with a Heat Exchanger (01-F1) installed in 2003. The Flare is used for the heating of landfill leachate. This modification is based on Permit R13-2731 covering operation of the Flare and Heat Exchanger.

Emissions Summary

As the result of this modification facility PTE changes as follows:

Regulated Pollutants	Increase in Potential Emissions, TPY
Carbon Monoxide (CO)	0.13
Nitrogen Oxides (NO _x)	9.45
Particulate Matter (PM ₁₀ /TSP)	2.21
Sulfur Dioxide (SO ₂)	1.79
Volatile Organic Compounds (VOC)	0.05
Regulated Pollutants other than Criteria and HAP	Increase in Potential Emissions, TPY
Non Methane Organic Compounds (NMOC)	100.36
Hazardous Air Pollutants	Increase in Potential Emissions, TPY
1,1,2- TRICHLOROETHANE	0.0011
ACRYLONITRILE	0.0055
BENZENE	0.0027
CARBON DISULFIDE	0.0008
CARBON TETRACHLORIDE	0.0001
CARBONYL SULFIDE	0.0000
CHLOROBENZENE	0.0005
XYLENE	0.0207
CHLOROFORM	0.0001
MERCURY	0.0001
METHYL ETHYL KETONE	0.0083
METHYL ISOBUTYL KETONE	0.0031
TOLUENE	0.0000
VINYL CHLORIDE	0.0074
Total	0.0500

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit over 100 tons per year of Volatile Organic Compounds (VOC). Therefore, Lackawanna Transport Company d/b/a Wetzel County Sanitary Landfill (WCSL) is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

This facility has a design capacity over 2.5 million megagrams and 2.5 million cubic meters. Due to this facility's design capacity, WCSL is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

This facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR13 45CSR30	New Source Review permits for stationary sources Operating permit requirement.
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Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR15, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-2731	May 7, 2007	None

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B," which may be downloaded from DAQ's website.

Determinations and Justifications

45CSR§6-4.1. PM emission limit for flare (15.5 lbs/hr) in old Requirement 5.1.1. is streamlined with more stringent PM/PM10 emission limit in new Requirement 5.1.1. (0.51 lbs/hr). Streamlining language is added to the new Requirement 5.1.1.

Non-Applicability Determinations

None.

Request for Variances or Alternatives

None

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: N/A

Ending Date: N/A

All written comments should be addressed to the following individual and office:

Natalya Chertkovsky
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Point of Contact

Natalya Chertkovsky
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1220 • Fax: 304/926-0478

Response to Comments (Statement of Basis)

N/A